

# Converting Colors

Android(4294049971)

Have a look what the booklet for  
Android(4294049971) contains.

<b>Android(4294049971)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Android(4294049971)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F200B3
RGB	242, 0, 179
RGB Percent	95%, 0%, 70%
CMY	0.0510, 1.0000, 0.2980
CMYK	0.00, 1.00, 0.26, 0.05
HSL	316°, 100%, 47%
HSV	316°, 100%, 95%
XYZ	44.7546, 22.1319, 44.5609
YIQ	92.7640, 86.7730, 106.9730

# Conversions

## Conversions Part 2

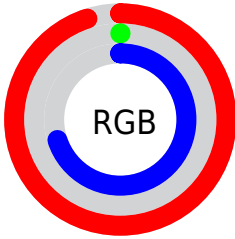
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 0, 179
Decimal	15859891
CIE <sub>Lab</sub>	54.17, 86.55, -27.51
CIE <sub>LCh</sub>	54, 90.813, 342.365
Yxy	22.1319, 0.4016, 0.1986
Android (android.graphics.Color)	4294049971 (0xFFFF200B3)
YUV	92.7640, 42.5143, 130.8800
Hunter-Lab	47.0446, 87.4833, -23.2286

# Details

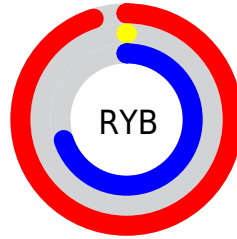
The Android color **4294049971** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **4278252095**, and the grayscale version is **4284243036**.

A 20% lighter version of the original color is **4294927339**, and **4289986686** is the 20% darker color. If you saturate the color by 10%, you get **4294049971**, and if you desaturate by 10%, it is **4294056121**.

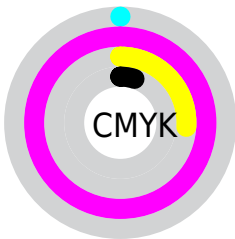
# Distribution



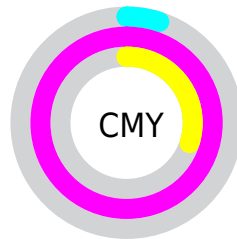
- Red (95%)
- Green (0%)
- Blue (70%)



- Red (95%)
- Yellow (0%)
- Blue (70%)



- Cyan (0%)
- Magenta (100%)
- Yellow (26%)
- Black (5%)



- Cyan (5%)
- Magenta (100%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4294049971 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4294049971 by changing the saturation by 10% instead.



 4294049971

 4294049971

4294967295

 4292018328

 4294927339

 4289986686

 4294935551

 4288020581

 4294943487

 4286054476

 4294951423

 4284153909

 4294959103

 4282253344

4294967039

 4280287233

 4278190080

 4294049971

 4294056121

 4294062272

 4294068678

 4294074828

 4294080978

 4294087129

 4294093279

 4294099685

 4294105836

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4289222903



4294049971



4294901861

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4294049971



4286613760



4278231275

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4294049971



4278252095

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4278231713



4294049971



4278228992

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4294049971



4290931712



4278230862



4278229247

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4294049971



4294713906



4278230862



4278231508



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4294049971



4294947819



4282122482



4286599796



4278190080



4286611584



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4294049971



4294901949



4294049852



4286082165



4290248840



4281860137



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4294049971



4294901949



4278252213



4286082165



4290248840



4281860137



# Previews

## White Background



This preview shows how the Android color 4294049971 looks on a white background.

## Color Contrast Check

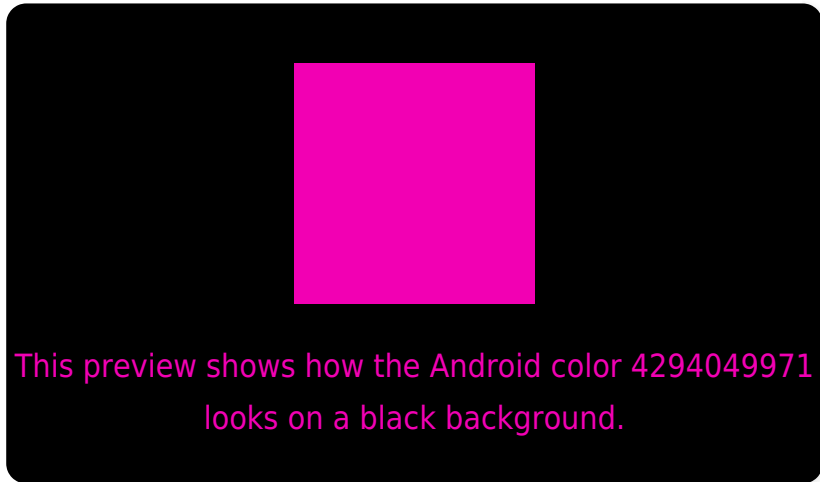
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4294049971 Background



This preview shows how black text looks on a background with the Android color 4294049971.



This preview shows how white text looks on a background with the Android color 4294049971.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
4294049971

**Protanopia**  
4281827327

**Deuteranopia**  
4286349735



# Trichromacy



**Original Color**  
4294049971



**Protanomaly**  
4286271971



**Deuteranomaly**  
4289155755



**Tritanomaly**  
4293733744

# Monochromacy



**Original Color**  
4294049971



**Achromatopsia**  
4284308829



**Achromatomaly**  
4287839100

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4294049971 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(242, 0, 179)` looks like.

```
.text, #text, p{  
    color:rgb(242, 0, 179)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(242, 0, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 0, 179) }
```

## Border

The CSS property to change the border of an element to Android 4294049971 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(242, 0, 179) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(242, 0, 179) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(242, 0, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 0, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 0, 179);  
box-shadow:4px 4px 4px 4px rgb(242, 0,  
179) }
```

# Background

The CSS property to change the background color of an element to Android 4294049971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 0, 179) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(242, 0,  
179) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor